International Journal of Cosmetic Science **15**, 284–288 (1993)

Author index

Ablett, S., 219
Adachi, K., 125
Amicel, L., 15
Anselmi, C., 45
Arnaud-Battandier, J., 101

Bahuguna, S., 1
Bernhardt, P., 181
Bialik, W., 260
Brain, K.R., 260
Brusasca, P., 245
Butler, N.J., 33

Carlotti, M.E., 245
Carpenter, T.A., 219
Centini, M., 45
Coiffard, L., 15
Cooke, M.A., 272
Crosse, J.E., 200

Dickens, A.D., 200
Doppler, S., 153
Dupont, Ch., 89

Edwards, C., 234

Frömder, A., 113
Fructus, A., 101

Gasco, M.R., 245
Giesen, M., 181
Gmahl, E., 77
Grossiord, J.L., 53
Guessant, C., 89

Hagan, D.B., 163
Hall, L.D., 219
Le Hen-Ferrenbach, C., 53
Hodgson, R.J., 219
Hollenberg, D., 181
Hubbuch, M., 181

Kalhöfer, V., 181
Kushwaha, R.K.S., 1

Lang, G., 175
Langley, G.R., 33
Lansdown, A.B.G., 83
Liefke, M., 175
Lippold, B.C., 113
Lower, E.S., 271

Magnet, A., 53
Maier, H.E., 181
Martin, V., 181
Marty, J.-P., 89
McArthur, H.C., 200
Meier, J., 153
Le Menn, R., 101
Mercier, M., 101
Michniak, B.B., 7
Monti, D., 45
Münzing, H.-P., 181

Nakajima, K., 135
Narasaka, H., 135

Oba, K., 125
Oelschläger, T., 181

Parrott, D.T., 163
Pattarino, F., 245
Pearse, A.D., 234
Piron-Frenet, M., 15

Rabaron, A., 53
Rooselaar, J., 23
Ruess, W., 77

Sadai, M., 125
Saettone, M.F., 45
Salter, D.C., 200, 219
Schwan, A., 175, 181
Seiller, M., 53
Sendelbach, G., 175
Seyda, K.L., 7
Shalofsky, I., 63
Sperling, K., 181
Strüßmann, A., 227
Surlève-Bazeille, J.-É., 101

Tamai, H., 125
Taylor, A.P., 163
Tennigkeit, J., 181
Terrisse, I., 53

Voegeli, R., 153

Walters, K.A., 260
Weißen, H.-J., 227
Weyland, J.W., 23
Winwood, J., 33
Wirtz, A., 227

Yokoyama, D., 125

0142–5463 © 1993 *International Journal of Cosmetic Science*

International Journal of Cosmetic Science **15**, 284–288 (1993)

Author index

Ablett, S., 219
Adachi, K., 125
Amicel, L., 15
Anselmi, C., 45
Arnaud-Battandier, J., 101

Bahuguna, S., 1
Bernhardt, P., 181
Bialik, W., 260
Brain, K.R., 260
Brusasca, P., 245
Butler, N.J., 33

Carlotti, M.E., 245
Carpenter, T.A., 219
Centini, M., 45
Coiffard, L., 15
Cooke, M.A., 272
Crosse, J.E., 200

Dickens, A.D., 200
Doppler, S., 153
Dupont, Ch., 89

Edwards, C., 234

Frömder, A., 113
Fructus, A., 101

Gasco, M.R., 245
Giesen, M., 181
Gmahl, E., 77
Grossiord, J.L., 53
Guessant, C., 89

Hagan, D.B., 163
Hall, L.D., 219
Le Hen-Ferrenbach, C., 53
Hodgson, R.J., 219
Hollenberg, D., 181
Hubbuch, M., 181

Kalhöfer, V., 181
Kushwaha, R.K.S., 1

Lang, G., 175
Langley, G.R., 33
Lansdown, A.B.G., 83
Liefke, M., 175
Lippold, B.C., 113
Lower, E.S., 271

Magnet, A., 53
Maier, H.E., 181
Martin, V., 181
Marty, J.-P., 89
McArthur, H.C., 200
Meier, J., 153
Le Menn, R., 101
Mercier, M., 101
Michniak, B.B., 7
Monti, D., 45
Münzing, H.-P., 181

Nakajima, K., 135
Narasaka, H., 135

Oba, K., 125
Oelschläger, T., 181

Parrott, D.T., 163
Pattarino, F., 245
Pearse, A.D., 234
Piron-Frenet, M., 15

Rabaron, A., 53
Rooselaar, J., 23
Ruess, W., 77

Sadai, M., 125
Saettone, M.F., 45
Salter, D.C., 200, 219
Schwan, A., 175, 181
Seiller, M., 53
Sendelbach, G., 175
Seyda, K.L., 7
Shalofsky, I., 63
Sperling, K., 181
Strüßmann, A., 227
Surlève-Bazeille, J.-É., 101

Tamai, H., 125
Taylor, A.P., 163
Tennigkeit, J., 181
Terrisse, I., 53

Voegeli, R., 153

Walters, K.A., 260
Weißen, H.-J., 227
Weyland, J.W., 23
Winwood, J., 33
Wirtz, A., 227

Yokoyama, D., 125

0142–5463 © 1993 *International Journal of Cosmetic Science*

Subject index

2-Hydroxyalkanoic acids: extensibility; stratum corneum, 163
Alternative method: irritancy; cosmetics; cytotoxicity; Neutral Red, 33
Analysis: Euxyl K400; tektamer; dibromodicyanobutane; electrochemical detection; methyldibromoglutaronitrile, 23
Antioxidants: hyaluronic acid; reactive oxygen species; 153
Apiaceae: essential oil; estragole; dillapiole; *Crithmum maritimum* L., 15
Benzophenone derivatives: quaternary ammonium; skin permeation *in vitro*; hairless mouse skin; skin substantivity; sunscreens, 45
Ceramides: intercellular lipids; freeze-fracture; stratum corneum; electron microscopy, 101
Chromametry: irritation; laser Doppler velocimetry; nicotinic esters, 89
Clofibric acid amides: penetration enhancers; steroids; high performance liquid chromatography (HPLC), 7
Consumer product testing: sniff test; in-use test; methodology; perfume, 63
Cosmetics: cytotoxicity; Neutral Red; alternative method; irritancy, 33
***Crithmum maritimum* L.:** Apiaceae; essential oil; estragole; dillapiole, 15
Cytotoxicity: Neutral Red; alternative method; irritancy; cosmetics, 33
Dermatophytes: fungi; hair penetration; oils, 1
Destructuration: phase inversion; stability; multiple emulsions; rheological oscillatory and flow analyses, 53
Dibromodicyanobutane: electrochemical detection; methyldibromoglutaronitrile; analysis; Euxyl K400; tektamer, 23
Diffusivity of water: evaporimetry; occlusion; ointments; transepidermal water loss; water vapour permeability, 113
Dillapiole: *Crithmum maritimum* L.; Apiaceae; essential oil; estragole, 15
Electrochemical detection: methyldibromoglutaronitrile; analysis; Euxyl K400; tektamer; dibromodicyanobutane, 23
Electron microscopy: ceramides; intercellular lipids; freeze-fracture; stratum corneum, 101
Emollient: water vapour; *in vitro*; skin, 227
Emulsion: optimization; experimental design; lipopeptide emulsifier, 245
Energy metabolism: hair follicle; rabbit; guinea-pig; odd numbered fatty acid, 125
Essential oil: estragole; dillapiole; *Crithmum maritimum* L.; Apiaceae, 15
Estragole: dillapiole; *Crithmum maritimum* L.; Apiaceae; essential oil, 15
Euxyl K400: tektamer; dibromodicyanobutane; electrochemical detection; methyldibromoglutaronitrile; analysis, 23
Evaporimetry: occlusion; ointments; transepidermal water loss; water vapour permeability; diffusivity of water, 113
Experimental design: lipopeptide emulsifier; emulsion; optimization, 245
Extensibility: stratum corneum; 2-hydroxyalkanoic acids, 163
Freeze-fracture: stratum corneum; electron microscopy; ceramides; intercellular lipids, 101
Friction coefficient: skin moisture; morphology, 135
Fungi: hair penetration; oils; dermatophytes, 1
Guinea-pig: odd numbered fatty acid; energy metabolism; hair follicle; rabbit, 125
Hair damage: hair strength; setting lotion; UV filters, 181
Hair follicle: rabbit; guinea-pig; odd numbered fatty acid; energy metabolism, 125
Hair lacquer: removability; polymers, 175
Hair lacquers: pyrolysis-gas chromatography-mass spectrometry; vinyl copolymers, 77
Hair penetration: oils; dermatophytes; fungi, 1
Hair strength: setting lotion; UV filters; hair damage, 181
Hairless mouse skin: skin substantivity; sunscreens; benzophenone derivatives; quaternary ammonium; skin permeation *in vitro*, 45
High performance liquid chromatography (HPLC): clofibric acid amides; penetration enhancers; steroids, 7
Hyaluronic acid: reactive oxygen species; antioxidants, 153
In-use test: methodology; perfume; consumer product testing; sniff test, 63
In vitro: skin; emollient; water vapour, 227
In vitro: stratum corneum; sunscreen testing, 234
Intercellular lipids: freeze-fracture; stratum corneum; electron microscopy; ceramides, 101
Irritancy: cosmetics; cytotoxicity; Neutral Red; alternative method, 33
Irritation: laser Doppler velocimetry; nicotinic esters; chromametry, 89
Laser Doppler velocimetry: nicotinic esters; chromametry; irritation, 89
Lipopeptide emulsifier: emulsion; optimization; experimental design, 245
Magnetic resonance imaging: stratum corneum; moisturizing, 219
Methodology: perfume; consumer product testing; sniff test; in-use test, 63
Methyldibromoglutaronitrile: analysis; Euxyl K400; tektamer; dibromodicyanobutane; electrochemical detection, 23

Moisturizers: skin mechanics; Weibull distribution, 200
Moisturizing: magnetic resonance imaging; stratum corneum, 219
Morphology: friction coefficient; skin moisture, 135
Multiple emulsions: rheological oscillatory and flow analyses; destructuration; phase inversion; stability, 53
Neutral Red: alternative method; irritancy; cosmetics; cytotoxicity, 33
Nicotinic esters: chromametry; irritation; laser Doppler velocimetry, 89
Occlusion: ointments; transepidermal water loss; water vapour permeability; diffusivity of water; evaporimetry, 113
Odd numbered fatty acid: energy metabolism; hair follicle; rabbit; guinea-pig, 125
Oils: dermatophytes; fungi; hair penetration, 1
Ointments: transepidermal water loss; water vapour permeability; diffusivity of water; evaporimetry; occlusion, 113
Optimization: experimental design; lipopeptide emulsifier; emulsion, 245
Penetration enhancers: steroids; high performance liquid chromatography (HPLC); clofibric acid amides, 7
Perfume: consumer product testing; sniff test; in-use test; methodology, 63
Phase inversion: stability; multiple emulsions; rheological oscillatory and flow analyses; destructuration, 53
Polymers: hair lacquer; removability, 175
Pyrolysis–gas chromatography–mass spectrometry: vinyl copolymers; hair lacquers, 77
Quaternary ammonium: skin permeation *in vitro*; hairless mouse skin; skin substantivity; sunscreens; benzophenone derivatives, 45
Rabbit: guinea-pig; odd numbered fatty acid; energy metabolism; hair follicle, 125
Reactive oxygen species: antioxidants; hyaluronic acid, 153
Removability: polymers; hair lacquer, 175
Rheological oscillatory and flow analyses: destructuration; phase inversion; stability; multiple emulsions, 53
Setting lotion: UV filters; hair damage; hair strength, 181
Skin: emollient; water vapour, *in vitro*, 227
Skin mechanics: Weibull distribution; moisturizers, 200
Skin moisture: morphology; friction coefficient, 135
Skin permeation *in vitro*: hairless mouse skin; skin substantivity; sunscreens; benzophenone derivatives; quaternary ammonium, 45
Skinsubstantivity: sunscreens; benzophenone derivatives; quaternary ammonium; skin permeation *in vitro*; hairless mouse skin, 45
Skin wounds: zinc oxide, 83, 272
Sniff test: in-use test; methodology; perfume; consumer product testing, 63
Stability: multiple emulsions; rheological oscillatory and flow analyses; destructuration; phase inversion, 53
Steroids: high performance liquid chromatography (HPLC); clofibric acid amides; penetration enhancers, 7
Stratum corneum: moisturizing; magnetic resonance imaging, 219
Stratum corneum: 2-hydroxyalkanoic acids; extensibility, 163
Stratum corneum: sunscreen testing; *in vitro*, 234
Stratum corneum: electron microscopy; ceramides; intercellular lipids; freeze-fracture, 101
Sunscreen testing: *in vitro*; stratum corneum, 234
Sunscreens: benzophenone derivatives; quaternary ammonium; skin permeation *in vitro*; hairless mouse skin; skin substantivity, 45
Surfactants: permeability; stratum corneum; skin barrier function; CMCs, 260
Tektamer: dibromodicyanobutane; electrochemical detection; methyldibromoglutaronitrile; analysis; Euxyl K400, 23
Transepidermal water loss: water vapour permeability; diffusivity of water; evaporimetry; occlusion; ointments, 113
UV filters: hair damage; hair strength; setting lotion, 181
Vinyl copolymers: hair lacquers; pyrolysis-gas chromatography-mass spectrometry, 77
Water vapour: *in vitro*; skin; emollient, 227
Water vapour permeability: diffusivity of water; evaporimetry; occlusion; ointments; trans-epidermal water loss, 113
Weibull distribution: moisturizers; skin mechanics, 200
Zinc oxide: skin wounds, 83, 272